9/2/83
A2575-1

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *AUGUST* 26, 1983 **NO.** 34

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 08/26/83	Last Week Ending: 08/19/83	Last Year Week Ending: 08/27/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units *	11,953	12,814	12,197	- 861	- 244
Operable capacity	16,294	16,294	17,382	0	- 1,088
Percent operated	73.4	78.6	70.2		
Motor Gasoline					
Total motor gasoline production	6,188	6,722	6,354	- 534	- 166
Finished leaded motor gasoline production	2,805	3,075	*N/A*	- 270	*N/A*
Finished unleaded motor gasoline production	3,383	3,647	*N/A*	- 264	*N/A*
Total motor gasoline stocks	225,612	225,117	225,097	+ 495	+ 515
Finished leaded motor gasoline stocks	96,319	96,688	*N/A*	- 369	*N/A*
Finished unleaded motor gasoline stocks	88,040	89,212	91,933	- 1,172	- 3,893
Distillate Fuel Oil					
Distillate fuel oil production	2,392	2,642	2,661	- 250	- 269
Distillate fuel oil stocks	139,186	137,553	158,428	+ 1,633	- 19,242
Residual Fuel Oil					
Residual fuel oil production	729	700	978	+ 29	- 249
Residual fuel oil stocks	45,560	45,989	50,689	- 429	- 5,129
Imports					
Crude oil imports	4,234	4,509	3,053	- 275	+ 1,181
Product imports	2,420	2,075	1,110	+ 345	+ 1,310
Crude Oil Stocks					
Crude oil stocks	348,488	345,022	356,406	+ 3,466	- 7,918

**UNSCHEDULED SHUTDOWNS BECAUSE OF THE HURRICANE CAUSED A DECREASE OF 1,028,000 BBL. PER DAY IN THE TEXAS GULF COAST DISTRICT.*

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 For Week Ended *AUGUST* 26, 1983 **NO. 34**

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,279	1,108	1,146	1,229	93.2
Appal. No. 1	85	82	82	177	46.3
DISTRICT 1 TOTAL	1,364	1,190	1,228	1,406	87.3
Appal. No. 2	65	62	65	66	98.5
Ind., Ill., Ky.	2,066	1,930	1,984	2,345	84.6
Minn., Wis., Daks.	291	282	288	296	97.3
Okla., Kans., Mo.	765	722	744	827	90.0
DISTRICT 2 TOTAL	3,187	2,996	3,081	3,534	87.2
Inland Texas	535	499	511	585	87.4
Texas Gulf Coast	2,138	2,064	2,080	3,907	53.2
La. Gulf Coast	2,117●	2,006●	2,055●	2,875	71.5●
N. La. and Ark.	208	215	215	286	75.2
New Mexico	109	90	91	105	86.7
DISTRICT 3 TOTAL	5,107●	4,874●	4,952●	7,758	63.8●
DISTRICT 4 TOTAL	438	459	460	536	85.8
DISTRICT 5 TOTAL	2,168	2,222	2,232	3,060	72.9
TOTAL U.S.	12,264	11,741	11,953	16,294	73.4
TOTAL U.S. Weeks Ended:					
AUG. 19, 1983	13,405●	12,519●	12,814●	16,294	78.6●
AUG. 27, 1982	13,168	11,802	12,197	17,382	70.2
DISTRICTS 1–4 Weeks Ended:					
AUG. 26, 1983	10,096	9,519	9,721	13,234	73.5
AUG. 19, 1983	11,127●	10,381●	10,647●	13,234	80.5●
AUG. 27, 1982	11,056	9,772	10,096	14,290	70.7

● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 26, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	626	220	406	20	25	264	99
Appal. No. 1	29	15	14	2	--	24	2
DISTRICT 1 TOTAL	655	235	420	22	25	288	101
Appal. No. 2	37	18	19	1	--	15	3
Ind., Ill., Ky.	1,151	537	614	17	92	372	40
Minn., Wis., Daks.	173	109	64	3	12	68	6
Okla., Kans., Mo.	451	252	199	5	18	186	5
DISTRICT 2 TOTAL	1,812	916	896	26	122	641	54
Inland Texas	280	141	139	24	15	120	21
Texas Gulf Coast	1,022●	428●	594●	41	100	436	169
La. Gulf Coast	1,033	426	607	15	215	349	101
N. La. and Ark.	69	37	32	9	--	65	10
New Mexico	41	19	22	17	3	29	2
DISTRICT 3 TOTAL	2,445●	1,051●	1,394●	106	333	999	303
DISTRICT 4 TOTAL	238	145	93	10	16	118	8
DISTRICT 5 TOTAL	1,038	458	580	55	261	346	263
TOTAL U.S.	6,188	2,805	3,383	219	757	2,392	729
TOTAL U.S. Weeks Ended:							
AUG. 19, 1983	6,722●	3,075●	3,647●	184	837	2,642	700
AUG. 27, 1982	6,354	*N/A*	*N/A*	212	791	2,661	978
DISTRICTS 1-4 Weeks Ended:							
AUG. 26, 1983	5,150	2,347	2,803	164	496	2,046	466
AUG. 19, 1983	5,709●	2,658●	3,051●	143	612	2,296	472
AUG. 27, 1982	5,474	*N/A*	*N/A*	150	542	2,339	630

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available
● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 26, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	5,827	2,882	2,944	1	82	822	11,030	1,641	--
Central Atlantic	28,187	12,297	11,820	4,070	395	3,945	33,573	16,579	13,451
Lower Atlantic	27,481	14,303	12,850	328	81	2,818	14,437	3,081	548
DISTRICT 1 TOTAL	61,495	29,482	27,614	4,399	558	7,585	59,040	21,301	13,999
DISTRICT 2 TOTAL	64,868●	30,289●	25,991	8,588	1,912	7,554	35,025●	3,501	17,724
DISTRICT 3 TOTAL	62,205●	23,606●	21,367●	17,232	3,424	9,923●	30,991	13,399	51,408●
DISTRICT 4 TOTAL	5,752	2,583	1,633	1,536	371	721	3,236	537	2,561
DISTRICT 5 TOTAL	31,292	10,359	11,435	9,498	1,737	5,854	10,894	6,822	25,028
TOTAL U.S.	225,612	96,319	88,040	41,253	8,002	31,637	139,186	45,560	110,720
TOTAL U.S. Weeks Ended:									
AUG. 19, 1983	225,117●	96,688●	89,212●	39,217	7,467	32,965●	137,553●	45,989	108,174●
AUG. 27, 1982	225,097	*N/A*	91,933	*N/A*	6,065	33,968	158,428	50,689	118,700
DISTRICTS 1-4 Weeks Ended:									
AUG. 26, 1983	194,320	85,960	76,605	31,755	6,265	25,783	128,292	38,738	85,692
AUG. 19, 1983	194,332●	86,803●	77,958●	29,571	5,837	27,243●	126,140●	38,461	83,306●
AUG. 27, 1982	197,904	*N/A*	81,660	*N/A*	4,669	28,018	147,781	42,657	93,645

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 26, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *APRIL* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
AUG. 26, 1983	5,882.5	5,884.0	3,830	274	265,010
AUG. 19, 1983	5,882.5	--	4,236●	283	258,410●
AUG. 12, 1983	5,882.5	--	3,196	213	258,354
AUG. 5, 1983	5,876.0	--	2,997	400	260,744
DISTRICT 5 TOTAL					
AUG. 26, 1983	2,809.0	2,833.0	404	8	83,478 *
AUG. 19, 1983	2,809.0	--	273	41	86,612
AUG. 12, 1983	2,809.0	--	404	25	83,033
AUG. 5, 1983	2,819.0	--	217	12	83,232
TOTAL U.S.					
AUG. 26, 1983	8,691.5	8,717.0	4,234	282	348,488 *
AUG. 19, 1983	8,691.5	--	4,509●	324	345,022●
AUG. 12, 1983	8,691.5	--	3,600	238	341,387
AUG. 5, 1983	8,695.0	--	3,214	412	343,976
AUG. 27, 1982	8,620.3/A	--	3,053	199	356,406

*INCLUDES 25,921 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR AUGUST 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
AUG. 26, 1983	16,936	74,825	160,413	12,836	265,010	83,478 *	348,488 *
AUG. 19, 1983	16,910	75,536	153,034●	12,930	258,410●	86,612	345,022●
AUG. 27, 1982	21,601	72,946	157,289	13,232	265,068	91,338	356,406

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

API WEEKLY STATISTICAL BULLETIN

Week Ended *AUGUST 26, 1983*

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	70	139	3	--	--	212
Central Atlantic	247	101	146	--	37	191	434	12	234	38●	1,193●
Lower Atlantic	60	42	18	--	--	58	200	--	--	--	318
DISTRICT 1 TOTAL											
AUG. 26, 1983	307	143	164	--	37	319	773	15	234	38	1,723
AUG. 19, 1983	280	69	211	--	7	243	771	20	31	229●	1,581●
AUG. 12, 1983	209	108	101	--	16	194	599	13	169	99	1,299
AUG. 5, 1983	119	59	60	--	5	376	672	11	119	156	1,458
DISTRICTS 2–4 TOTAL											
AUG. 26, 1983	4	2	2	--	4	5	60	141	108	260	582
AUG. 19, 1983	2	2	--	--	--	6	20	149	170	34●	381●
AUG. 12, 1983	2	1	1	--	--	11	20	143	89	22	287
AUG. 5, 1983	--	--	--	--	--	4	24	157	234	5	424
DISTRICT 5 TOTAL											
AUG. 26, 1983	41	29	12	--	2	5	40	18	--	9	115
AUG. 19, 1983	56	49	7	--	--	4	19	20	3	11	113
AUG. 12, 1983	27	18	9	--	--	6	47	56	2	10	148
AUG. 5, 1983	30	23	7	--	10	7	19	16	3	5	90
TOTAL U.S.	352	174	178	--	43	329	873	174	342	307	2,420
TOTAL U.S. Weeks Ended:											
AUG. 19, 1983	338	120	218	--	7	253	810	189	204	274●	2,075●
AUG. 12, 1983	238	127	111	--	16	211	766	212	260	131	1,734
AUG. 5, 1983	149	82	67	--	15	387	735	184	356	166	1,972
AUG. 27, 1982	272	*N/A*	66	--	--	69	442	162	76	29	1,110

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

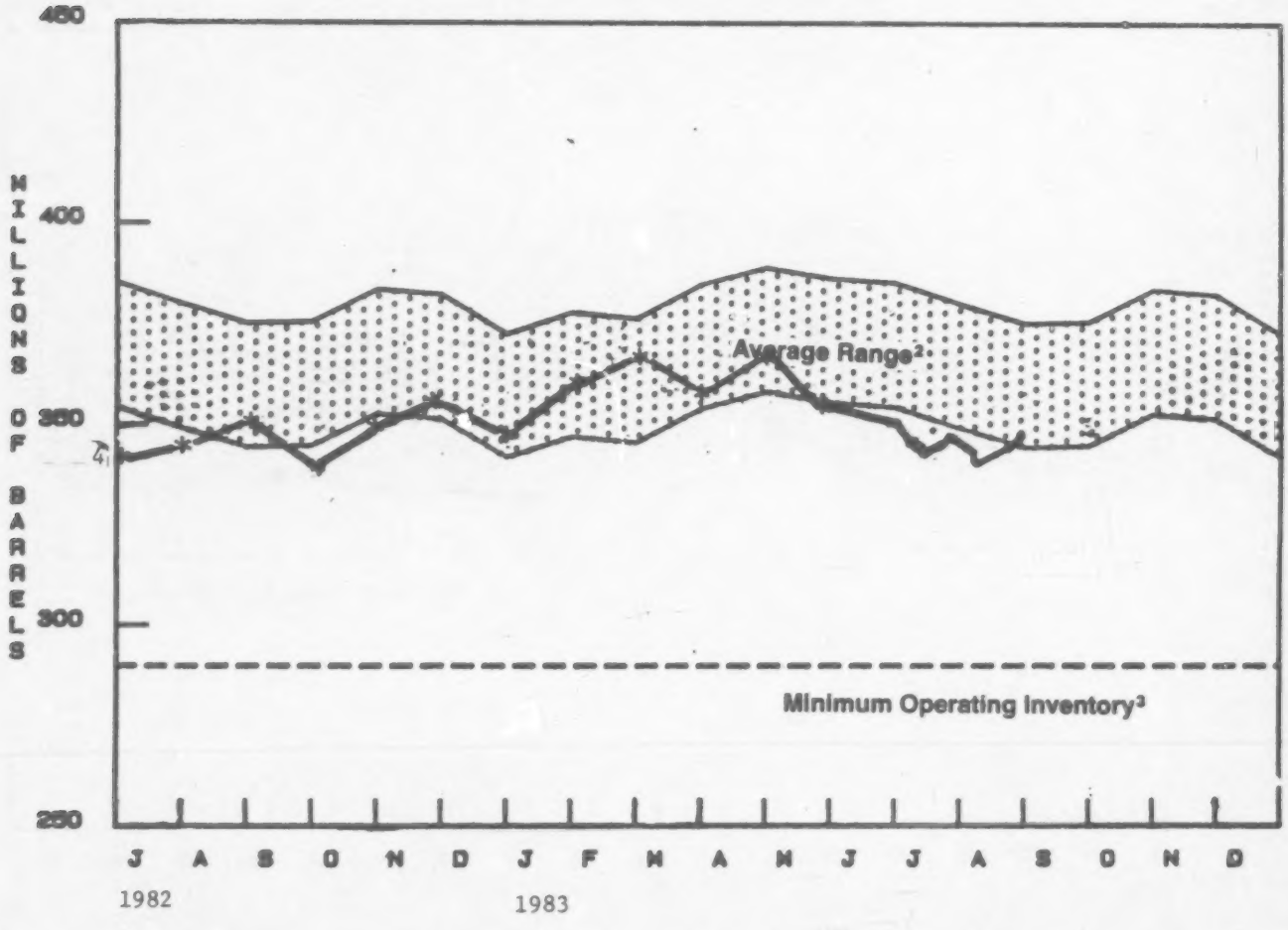
8/19/83	PAGE 1	TOTAL REFINERY INPUT	LA. GULF COAST	2,150
			DISTRICT 3 TOTAL	6,220
			TOTAL U.S.	13,405
			DISTRICTS 1-4	11,127
		CRUDE OIL RUNS	LA. GULF COAST	1,957
			DISTRICT 3 TOTAL	5,725
			TOTAL U.S.	12,519
			DISTRICTS 1-4	10,381
		INPUT TO CRUDE OIL	LA. GULF COAST	1,982
			DISTRICT 3 TOTAL	5,872
			TOTAL U.S.	12,814
			DISTRICTS 1-4	10,647
		O/O OPERATED	LA. GULF COAST	68.9
			DISTRICT 3 TOTAL	75.7
			TOTAL U.S.	78.6
			DISTRICTS 1-4	80.5
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,505
			DISTRICT 3 TOTAL	3,014
			TOTAL U.S.	5,722
			DISTRICTS 1-4	5,709
		LEADED MGAS	TEXAS GULF COAST	705
			DISTRICT 3 TOTAL	1,323
			TOTAL U.S.	3,075
			DISTRICTS 1-4	2,658
		UNLEADED MGAS	TEXAS GULF COAST	800
			DISTRICT 3 TOTAL	1,691
			TOTAL U.S.	3,647
			DISTRICTS 1-4	3,051
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	63,005
			DISTRICT 3 TOTAL	62,998
			TOTAL U.S.	225,117
			DISTRICTS 1-4	194,332
		LEADED MGAS	DISTRICT 2 TOTAL	30,798
			DISTRICT 3 TOTAL	23,065
			TOTAL U.S.	96,688
			DISTRICTS 1-4	86,803
		UNLEADED MGAS	DISTRICT 3 TOTAL	23,236
			TOTAL U.S.	89,212

REVISIONS

	KEROSINE JET	DISTRICTS 1-4	77,958
		DISTRICT 3 TOTAL	10,214
		TOTAL U.S.	32,965
	DISTILLATE FUEL	DISTRICTS 1-4	27,243
		DISTRICT 2 TOTAL	33,364
		TOTAL U.S.	137,553
	UNFINISHED OILS	DISTRICTS 1-4	126,140
		DISTRICT 3 TOTAL	49,644
		TOTAL U.S.	108,174
		DISTRICTS 1-4	83,306
PAGE 4 TOP	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,236
		TOTAL U.S.	4,509
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	258,410
		TOTAL U.S.	345,022
PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 3	153,034
	TOTAL	TOTAL PAD DISTRICTS 1-4	258,410
	TOTAL	TOTAL U.S.	345,022
PAGE 5	OTHER	CENTRAL ATLANTIC	229
		DISTRICT 1 TOTAL	229
		DISTRICTS 2-4 TOTAL	34
		TOTAL U.S.	274
	TOTAL	CENTRAL ATLANTIC	1,335
		DISTRICT 1 TOTAL	1,581
		DISTRICTS 2-4 TOTAL	381
		TOTAL U.S.	2,075

Week Ended August 19, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

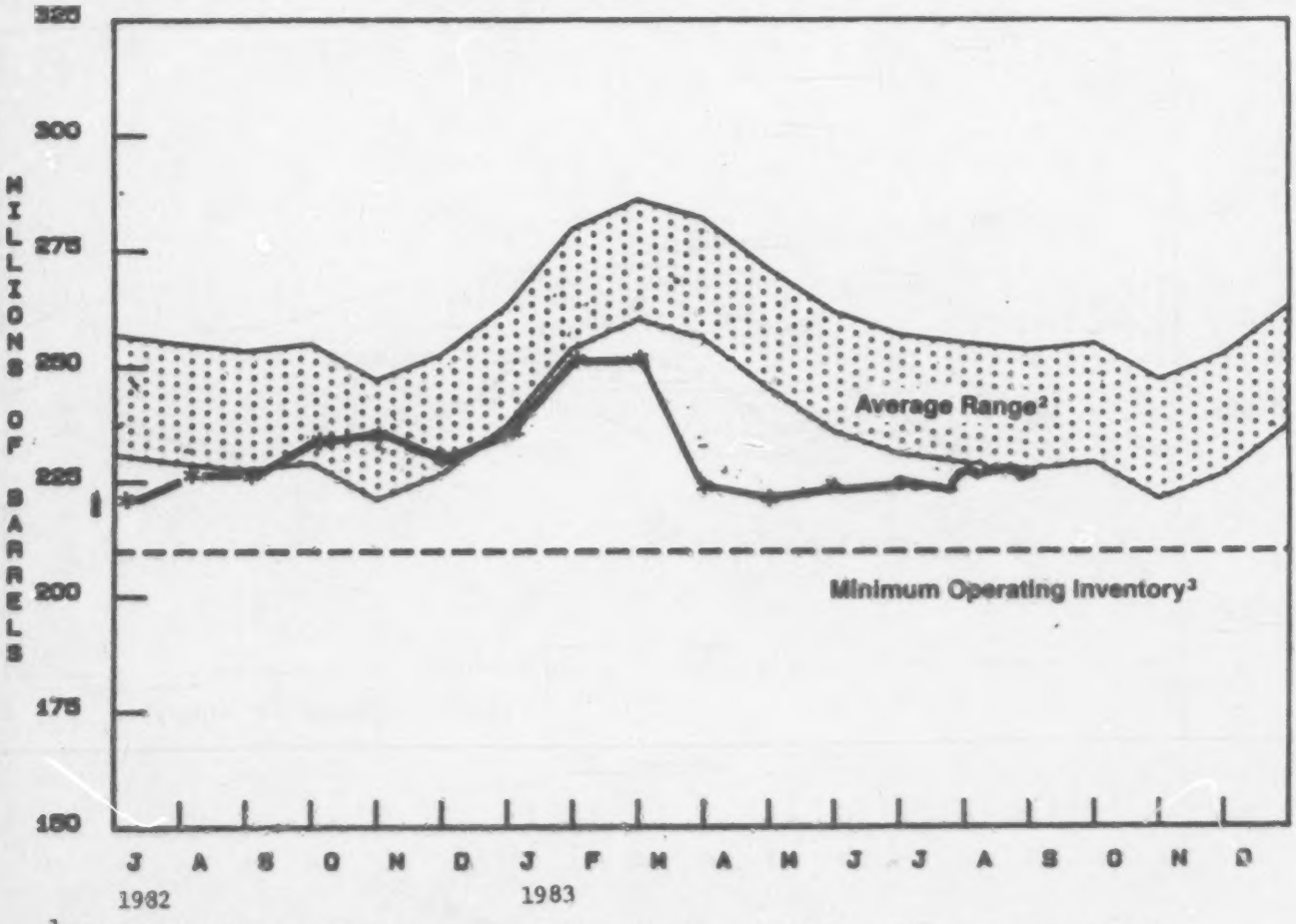
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended August 19, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

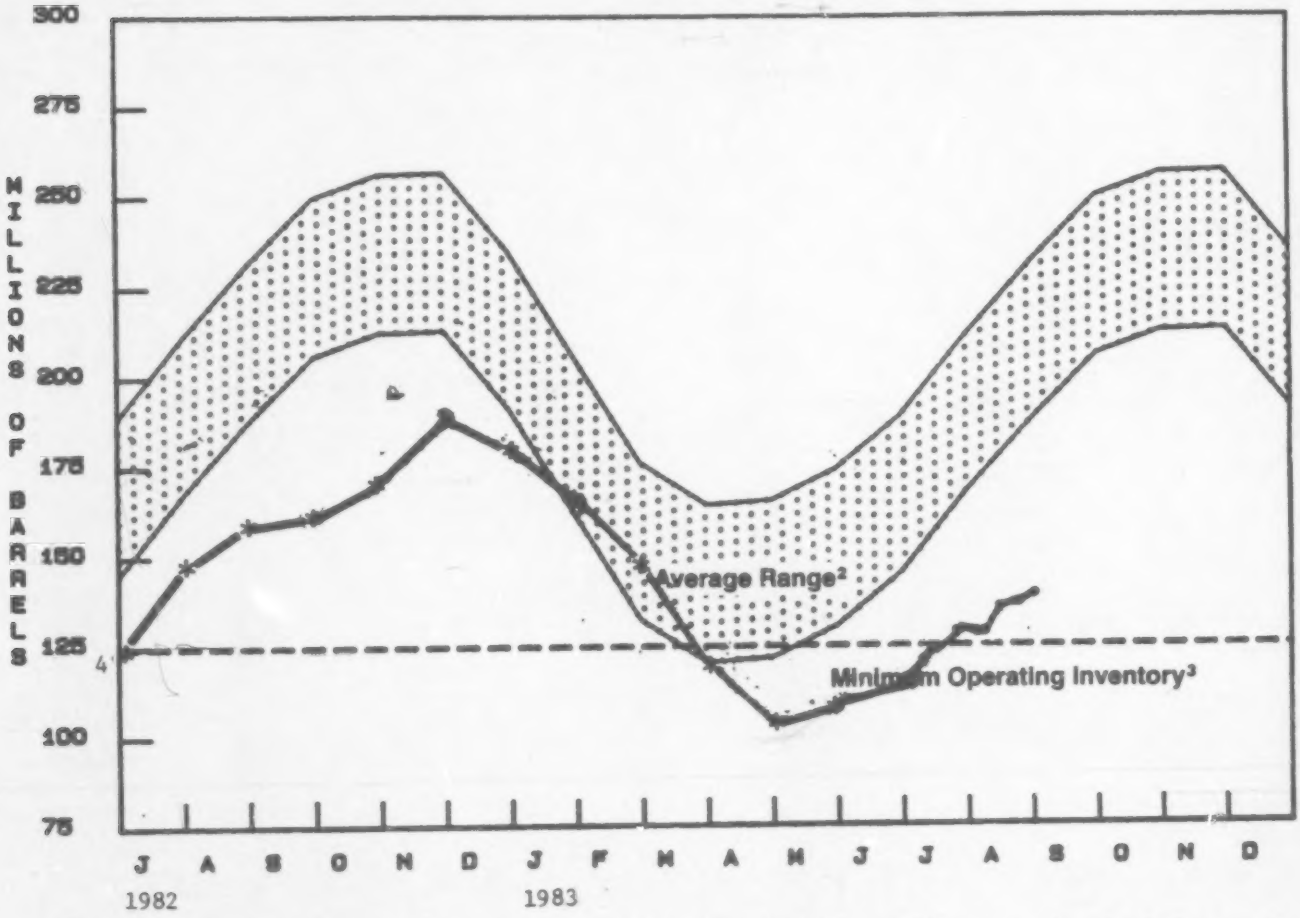
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended August 19, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.